

The Anchorage Amateur Radio News Bulletin

February, 1994

Anchorage Amateur Radio Club Newsletter

Vol. 23, No. 2

Editor - Harvey Rookus, NL7DK

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Alamo, or the
AL7MO

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FEBRUARY PROGRAM

All About
Transmitter Hunting.

Bill Beach, AL7MM,
Will Demonstrate A
Recently Completed
Doppler Shift
Transmitter Detector

See You There!

SCRC Issues Invitation To AARC For Field Day '94 At Six Mile Lake

As reported in an earlier edition of the AARC Newsletter, the South Central Radio Club has invited the AARC and other amateur radio clubs in South Central Alaska to join in the fun in a combined Field Day exercise in June. Three of the AARC board members attended the SCRC January meeting to learn more about the plans for the event and will give a report to the other board members at the February Board Meeting.

The SCRC Field Day will be held on Elmendorf AFB at the 6981st ESG Chalet at Six Mile Lake, site of their 1993 Field Day Bash. They plan to have at least three HF stations, packet and VHF. Operating modes will include

phone, CW, RTTY and packet. They need enough volunteers to help raise the three towers and to operate all of the positions throughout the 24 hour event.

They are going to forego the point advantage of operating with less than 150 watts and will use higher power instead. The SCRC group wants to see if higher power will overcome the Lower 48's tendency to listen for only the stronger signals of the stateside stations.

The AARC has been asked if it will bring the trailer and tower to the exercise, to host a Saturday Night Barbecue and to join in the fun of operating Field Day. The SCRC plans to host a Friday Night

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FCC Proposes Vanity Call Signs For Hams

NOTICE OF PROPOSED RULE MAKING

PR Docket No. 93-305
Adopted on December 13, 1993
Released on December 29, 1993
Comment Date: March 7, 1994
Reply Comment Date: April 7, 1994

I. INTRODUCTION

The ardent desire of amateur operators for call signs of choice presents an opportunity for us to focus on serving an

important segment of the public. By this Notice, therefore, we propose to amend the amateur service rules to authorize the use of vanity call signs as set forth herein.

II. BACKGROUND

Each amateur station license by the Commission is assigned a unique call sign. The assigned call sign itself conveys no frequency or operating privileges. Its only purpose is to provide

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At the February general meeting, the club will be asked to vote on several important items of business. First, Rick Marvin, KL7YF, has tendered his resignation from the AARC board of directors due to an increased work load between his job, teaching radio classes and working on the AARC Technical Committee. Rick recommended to the board that Bob Baker, Sr., NL7UH, be nominated to fill out the remainder of his three year term and the board voted to do so at the January meeting. You will be asked to vote to approve Bob as Rick's replacement on the board. Bob has served on the board before as a one-year member and has agreed to fill out Rick's term if the club votes to approve the nomination.

Rick will still be active in the club and will continue to be on the Technical Committee. And of course, where there's Lil, Rick won't be too far away.

This is a good time to remind you that we need at least three volunteers for the Nominations Committee. The AARC's Rules and Procedures allow for voting by mail and we need to get the nominations in and set by the April meeting so they can be announced in the May newsletter. If you are interested in helping out with the organization aspects of the club, but are unable to commit to making the board meetings throughout the year, then this is a great way to pitch in.

We'll also be discussing and voting on the budget for fiscal 1994. A copy of the budget was published in the January newsletter and it was announced at the January meeting. There will be extra copies of the budget at the meeting this Friday evening in case you forget to bring your copy with you.

The budget is an important tool for establishing financial goals for the club and for monitoring the club's assets. And this year is an important one for setting the directions that we will be taking on using the gaming activity revenues. We've just finished fully funding the \$100,000 scholarship fund at Alaska Pacific University and will be able to look at other worthy projects. John Lawson, NL7NC, our Treasurer, has reported net gaming revenues of almost \$7,000 for October and for November of last year. While we can't predict that the revenues will always be this much, the club should choose carefully how we spend these funds while they last. After all, they can disappear just as easily as North Slope oil revenues.

See You At The Meeting and Remember the AL7MO!

The Anchorage Amateur Radio News Bulletin is the monthly newsletter of the Anchorage Amateur Radio Club. Letters to the Editor and articles for publication should be submitted to Harvey Rookus, NL7DK, 3310 Checkmate Drive, Anchorage 99508. Telephone number (907) 333-4693.

Articles and Notices for the paper should be typewritten or on IBM compatible formatted computer disks (5.25 or 3.5 inch). Graphic illustrations for articles are also welcome.

Calendar

FEBRUARY

Meeting 4th
Board Meeting 9th
Fur Rondy 11th - 20th
SCRC Xmtr Hunt 19th

MARCH

Meeting 4th
Iditarod 5th
Board Meeting 9th
Great Alaskan QSO Party
19 - 20th (Rules in March
Newsletter)

APRIL

Meeting & Nominations Due
on the 1st (Not a Joke)
Board Meeting 13th

MAY

Meeting 7th
Board Meeting 11th
(Time to start on the
1994 Hamfest plans)
Voting By Mail

JUNE

Meeting & Elections 3rd
Board Meeting (New & Old)
8th
Field Day 25-26th
Motley Group Picnic 25-26th
at Byers Lake

JULY

Meeting 1st
Board Meeting 13th

AUGUST

Meeting 5th
Board Meeting 10th

From The January Minutes

By NL7NN, Susan Woods

January Club Meeting

The general meeting of the Anchorage Amateur Radio Club was held on the 7th of January, 1994. The meeting was brought to order by our President, Richard Mote, AL7MO at about 7:15 PM. Introductions and announcements were made.

Lance Dunbar, AL7BK, our membership committee of one - presented two life memberships that were voted on and approved by the membership of the AARC. The two new life members of the Big Club are: #155 John Richards, KL7XR and #156 Greg Bledsoe, K4TXK.

Congratulations to both of them.

A motion was made by Gil Jones, WL7EC, that the AARC purchase and install an all-in-one-box repeater in the new building next to the Round House at Alyeska Ski Resort.

The \$3,500 will buy a new ICOM 25 watt repeater. The antenna would 4.5 db gain and a 14% down tilt. The repeater frequency will be 146.76/.16 and will live at an elevation of 2,300 feet. The "view" from that elevation will be good into Hope as well as Sunrise. The motion was seconded by John Ziv, NL7YM. The motion passed.

Charlie Moore, NL7XE hopes to see an all mode amateur radio station built over time at the Anchorage Senior Center. This station would be available for the use of any licensed amateur.

The Anchorage Amateur Radio Club's proposed 1994 budget was printed in the January Newsletter, it will be discussed and voted on at the February general meeting.

Please see Bill Rieter, KL7ITI, if you are interested in helping with Fur Rondy activities.

After a break, a video was shown about "Amateur Satellites" put out by CQ Communications.

The raffle prizes were awarded, the meeting was adjourned and the socializing continued at the Frontier Restaurant on Tudor Road.

Respectfully submitted by
Susan J. Woods, NL7NN
Secretary, AARC, Inc.

January Board Meeting

Anchorage Amateur Radio Club's Board Meeting was held on the 12th of January, 1994.

Those present at the meeting were: Richard Mote, AL7MO, President; Joan Beller, AL7NK, Vice-President; Susan Woods, NL7NN, Secretary; John Lawson, NL7NC, Treasurer; Billy Capers, AL7BB, 3 year board member; and Bill Rieter, KL7ITI, Club Trustee.

One year board members present: Paul Spatzik, WL7BF; Lillian Marvin, NL7DL; Gil Jones, WL7EC; Mel Saunders, AL7PB; Harvey Rookus, NL7DK; and Rob Wilson, AL7KK.

Others present were: Roger Hansen, KL7HFQ, VEC Chairman and Doug Dickinson, KL7IKX, Chairman - VHF Committee.

Rick Marvin, KL7YF, a three year board member has resigned his position due to time constraints. The person that was nominated to serve out the remainder of Rick's term was Bob Baker, Sr., NL7UH.

It was decided by the board to take the nomination forward and recommend he be approved by the members at the February general meeting.

A nominating committee will soon be needed. Anyone interested please contact Richard Mote, AL7MO.

Our Treasurer, John Lawson, NL7NC, declared that the club is solvent. The board would like your suggestions as to where another financial endowment might be put to good use, since we have met our original goal with APU.

The repeater will be installed at Alyeska as soon as it is received. It could take up to eight weeks to received the unit.

Instead of taking a break, since all business had been conducted, our President opted for adjournment. The meeting let out about 8:15 PM.

Respectfully submitted,
Susan J. Woods, NL7NN
Secretary, AARC, Inc.

Nikolai Tesla, Genius

The following is from "Current Notes", and was submitted by Dave Evans - AL7JZ

Eric Does Nikolaii
(c) 1992 by David Small

This article is continued from last month.

Very funny. Tesla quit on the spot, an event that cost Edison billions in the long run, and spent time literally ditch-digging. But it worked out; the foreman of the ditch-digging crew knew George Westinghouse, another electrical pioneer.

In the late 1800's Tesla teamed with George Westinghouse, who founded Westinghouse, to bitterly oppose Tom Edison's General Electric, that was pushing D.C. power. D.C. is the worst; for instance, you'd need to live within 50 miles of a power plant to even have electricity, and people in rural areas could not have power. A.C. can go thousands of miles with no trouble. Edison was much more well known than Tesla (which remains today.) And "The War of the Currents" was played out in the 1800's to determine if mankind would have the limited Edison D.C. or the no-limits Tesla A.C.

It was played dirty, like many politics. Through a political crony Edison arranged for the first electric chair, at Sing-Sing prison, to use A.C., then trumpeted about how "deadly" A.C. was; "After all, they use it at Sing-Sing." (In truth D.C. would work equally as well.) "If you install A.C. in your house, within a month someone will die of it," Edison said. You and I use it all the time today. (In reality, D.C. and low-frequency A.C. are equally deadly; don't get either one into your body.) High-frequency A.C. is pretty harmless.

Nikolaii was furious at this sort of dishonesty-and had a personal score to settle, too. So at a World's Fair Exposition, he won a contract to do all the lighting (a new thing) with A.C., and at hundreds of demonstrations, Tesla passed A.C. current through his body, and with it lit hundreds of light bulbs, melted wires, spun motors, and many other things. Thus he proved it was "not deadly."

The secret? Tesla did this by using high frequency A.C. instead of low frequency, the 50/60 Hz used now; for heaven's sakes, don't plug yourself into your house power! (But see below on the Washington show.) And while Edison was a home-grown folk hero and Tesla was some unknown immigrant, Tesla's style won people over.

But it was tough on Tesla and Westinghouse. Tesla had licensed his many patents to Westinghouse for a dollar per horsepower; Westinghouse ran desperately low on money during a particularly bad Edison assault. Westinghouse, in despair, came and talked to Tesla, hoping to renegotiate to save Westinghouse Electric. Tesla gravely listened to the money problems, got out his license agreement with Westinghouse from the safe, and said something like, "Mr. Westinghouse, when no one else would listen to me, you believed in me. Give my A.C. to the world."

And he tore up the license agreement, giving Westinghouse A.C. power for free.

Because of this, Westinghouse, A.C. power, and the electricity you can so handily use today survived. Because of this, Tesla later ran out of money and faded into obscurity and even poverty. (Edison and General Electric gave it up, switched to A.C. power, and is still around; Edison is regarded as a hero. They make movies about Edison... sigh... although there is one now about Tesla (not real good, in all honesty; I hoped for more.)

Those patents are beyond estimation in value today. Hundreds of billions of dollars of A.C. power, and the derivatives of it, exist; it is the world's greatest power system. So in a vital way, Tesla *won*, but at a terrible sacrifice.

Yes, Tesla could have negotiated with someone like Edison for the A.C. Patents; instead he had honor.

There is no question in my mind that Nikolaii Tesla is among the most *vitaly important*, unknown hero's in history.

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I will guarantee you a fascinating time if you read the books about Tesla in a library. I am at best giving you the slightest bit about Tesla in this interlude; there is much, much more.

Tesla's work is still of extreme significance to us today. The "Tesla Coil," a high frequency resonant transformer, which I demonstrated at the Washington Atari show, makes six-inch sparks I can draw to my finger without feeling any shock; it's high frequency A.C. and never penetrates the skin. In fact, we lit up neon lights through a chain of four people holding hands, and lit florescent light bulbs by just holding them in our hands, no connection needed. I have never run a more crowded, popular show booth.

Nearly every CRT (including the ones for the ST) uses a Tesla Coil variant to generate high voltage for the picture tube. Tesla's work provides the power for your life in a variety of ways, from power generators ("alternators" in your car) to transformers to transmission systems to the motors in your house to other things I have no room to write about. You don't know it, but Tesla has a heck of a lot more influence on your life than Edison does. Tesla changed the world.

And, as I have written about in *Current Notes*, Tesla's work can be implemented today in a variety of useful ways. For instance, Tesla set up an electric oscillation involving the entire planet in 1899 (the ground is extremely conductive, if you didn't know, especially the molten-iron core of the planet.) This is the only known time this has been done. It was part of an experiment to provide free power to the world; in Tesla's dream, drawing power would just require hammering a spike into the ground anywhere, connecting to it, and turning on what you wanted to use. No wires back to some generator somewhere; the generator uses the ground for its wire! It could still be done and there are still people trying. Tesla's work also provides a viable method of quickly regenerating the ozone layer, which chlorine molecules (CFC's) are busily nibbling away at; Tesla even wrote specific directions on how to do it.

I know these last too sound pretty much like science fiction. But given as how what Tesla did *works*, and I'm writing this on a computer depending on many

Tesla inventions, I Believe. Tesla was in the process of wiring up the power system, at Wardenclyffe, when he ran out of money; it was all designed.

Back to Eric

Eric had never even heard of Tesla, like most folks. So I drove my son 50 miles south, to Colorado Springs, Colorado, where Tesla had his laboratory nearly a hundred years ago. I showed him the beautiful memorial sign erected near the spot by the Tesla Society.

And I told him the magnificent story of the night in summer 1899 when Tesla set the world's record for man-generated-lightening: 120 feet, 40 meters. (The record still stands today; the thunder from his lightening bolts was heard 22 miles away, in Cripple Creek.)

I told him about Edison (whom Eric now has grinding contempt for!) I told him about Tesla giving up his patent royalty money so people could have electricity, which is among the major reasons why life has improved so much for everyone since Tesla began inventing... over 100 years ago

By the end of our trip to Colorado Springs, as I pointed out where it all happened, Eric's eyes shone with fire, and I knew in my heart that we had another soul in the family determined to push the envelope. Wait another 10 years folks.

And he said, "Dad, I want to be Nikolai Tesla at the Famous Person's Tea."

The Presentation

Any parent whose child has been on stage knows the heart-in-throat feeling. Eric, as a "T" ("Tesla"), was late in the presentation by alphabetical order. Every parent was brought together, all pulling for the kids to make it through their presentations, alone on stage, with a microphone. Most kids did well. But there were others; kids before Eric forgot their speech, one broke into tears!

Eric came on stage; there was a roaring in my ears of pure parental stress. He was dressed as Tesla dressed, tall, slim, in a rented tuxedo, complete with gloves, cane, and a top hat, and I got, for a moment, a warm glimpse of what my ten year old will be as a man. A voice behind me, someone I didn't know, said quietly, "My God, he is

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handsome."

He stood there a moment, looked right out over the crowd, and hesitated; my heart froze. And without a quiver in his voice, he began. He'd hesitated on purpose, to get the crowd's attention!

"My name is Nikolai Tesla. I gave electricity to the world..." and so forth into his speech. He did it perfectly.

The audience listened. Sure, I'm a proud parent, but they were hushed and listened with honest interest to this amazing and true story. And at the end, they applauded and some cheered.

And as I write this, it's like it was during his talk; tears rolled down my cheeks, then and now, remembering. I don't know if I ever will be as proud of anything ever again, but the moment will sing in me forever.

The above is from "Current Notes", and was submitted by Dave Evans - AL7JZ

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Barbecue at the Chalet. The Chalet is a very large building and can hold up to 50 people comfortably in the main room.

The invitation to join in the SCRC Field Day operation looks like a good way for AARC members to be able to operate Field Day if they don't plan to go up to Byers Lake for the Motley Group Picnic which is the same weekend.

VEC Results For December, 1993

Location	Call	From	To
Anchorage			
Clayton D. Chase		No License	NC Tech
Michael A. Furman		No License	NC Tech
James H. Larsen	AL7FS	Advanced	Extra
Richard A. McKinney		No License	Novice
Michael S. Purcella	NL7XQ	NC Tech	General
Eagle River			
Birdie L. Gehring		No License	NC Tech
Mary E. Heater		No License	NC Tech
Winslow S. Truax		No License	NC Tech
Fairbanks			
Charles L. Beaudreault	WL7CW	General	Advanced
Wesley A. Bentley		No License	NC Tech
Kenneth G. Green	WL7CGY	Technician	General
Bethel J. Holbrook		No License	NC Tech
Phillip L. Holbrook	WL7CGR	General	Advanced
Longin Krol		No License	NC Tech
Joseph J. Lee		No License	Novice
James B. McClain	KC4YBC	NC Tech	HF Tech
James T. Nanto		No License	NC Tech
Scott R. Ray		No License	HF Tech
Kenneth P. Severin	WL7HU	HF Tech	Advanced
Durell Smith	KB5QOH	HF Tech	General
Jane E. Vohden		No License	NC Tech
Kenai			
Bernard J. Doyle	WL7BUJ	General	Advanced
Ralph S. Gaines	WL7DU	General	Advanced
William R. Thomas	WL7NR	NC Tech	General
Richard W. Maine	WL7CHF	Novice	HF Tech

Note: NC Tech = No Code Technician
HF Tech = Technician with HF privileges

Submitted by Roger Hansen, KL7HFQ, VEC Director.

Swap or Shop

ICOM 735 with Mike and Mobile mounting brackets. \$750 Call Ed WL7BOR 345-4530

TS-430S, Kenwood HF Transceiver, PS-43 power supply, AT-250 antenna tuner, MB-430 mounting bracket, speaker & phone patch. Brand new, never used, still in original Kenwood cartons, all for \$650. PK88, AEA Packet Controller \$50. Hygain Beam Antennas, in unopened original boxes; 105 BA-S and 155 BA-S, 10 and 15 meter, 5 element Long Johns, \$150 each or \$250 for both. Call Bill Phifer, AL7IG, at 243-0433.

Kenwood TS950 SD with 1.8khz SSB and .27khz CW filters, Speaker, New Condition, \$4,300.00. Ameritron 811A linear amplifier and 6 additional final tubes, like new, \$500.00. Contact Joe Cassel, NL7JT, at 344-1205.

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for over-the-air identification of the station. Nonetheless, amateur operators have a very high regard for call signs. They frequently request specific call signs with letters that represent something that is important to them, such as their initials, nicknames, or personal statements. Our current automated licensing process, however, will not support a vanity call sign system. The system is nearly two decades old and simply assigns call signs sequentially from groups of call signs, according to the applicant's class of operator license and mailing address.

III. DISCUSSION

Information age technology is providing the capability to administer a vanity call sign system and provide better and more friendly service to our customers. The Private Radio Bureau's Licensing Division will soon be installing a new automated licensing process that will provide greater flexibility in licensing. With the added capability, we can now propose to amend the rules to implement a system whereby amateur station licensees could select call signs of their choice, provided they are not already assigned. This vanity call sign system would be in addition to the current sequential call sign system that we would continue to use for those applicants who do not want a vanity call sign.

The rules we are proposing herein would allow the licensee of an existing primary station to request a modification of the license to show a call sign selected by the licensee. We also propose to extend this privilege to the license trustee of an existing club station. Finally, we also propose

to administer a club and military recreation station call sign system under our new automated licensing process.

Applicants for a vanity call sign would use a new application. The applicant would list on the form a maximum of ten call signs, in order of preference. The form would then be filed with the Commission. We request comment on other means, such as magnetic computer disks, that applicants could use to apply directly to the Commission for a vanity call sign. The automated process would compare the applicant's list with the assigned call signs in the groups designated in the sequential call sign system for the applicant's class of operator license. The first available call sign from the applicant's list would then be assigned. If none of the call signs listed are available, the automated process would reassign the call sign that the applicant had vacated. The vanity call sign listed by the applicant must be within the framework of the sequential call sign assignment system wherein certain groups of call signs are designated for each class of operator license. Applicants, therefore, could choose call signs from the groups corresponding to their license classes or lower license classes.

Licensees requesting vanity call signs would find it helpful to know which call signs are assigned at the time that they file applications so that they can make prudent selections of call signs with a real possibility that their requests can be granted. Even with our enhanced licensing system, we do not currently envision on-line access by the public to check for call sign availability. We request comments on how this service

could be made available.

The system that we are proposing should be viewed as but one step in creating a government agency that works better and costs less. We note that the amateur service is on the cutting edge of information technology. Electronic bulletin boards are commonplace in the amateur service. Its volunteer examiners use modern information systems to prepare and administer paperless license examinations, to prepare examination sessions manifests, to maintain a licensee data base, and a host of other activities. Examinees study for examinations using computer-aided instruction. Our amateur service licensee data base is widely available from entrepreneurs and bulletin boards in practically all forms of magnetic media. Our goal is to accept eventually applications for license or call signs electronically. We may even be able to issue the license electronically at some future date. As a starting point, we hope to accept application data from the volunteer-examiner coordinators by the end of 1994. We request comment on the options that may be available to allow electronic data transfer as soon as possible. Ultimately, we may be able to develop a system whereby authorization occurs instantly.

IV. CONCLUSION

We firmly believe in the principle that government should be responsive to user needs. Therefore, we are attempting to satisfy the desires of persons in the amateur community who want to choose their own call signs. The vanity call sign system that we have proposed is designed to be

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practicable to administer and simple for the amateur community to use. Accordingly, we propose to amend the amateur service rules to provide a vanity call sign system. Comments are invited on the proposal.

V. PROCEDURAL MATTERS

Comment Dates.

Pursuant to applicable procedures set forth in Sections 1.415 and 1.419 of the Commission's Rules, 47 CFR, interest parties may file comments on or before March 7, 1994, and reply comments on or before April 7, 1994. To file formally in this proceeding, you must file an original and four copies of all comments and reply comments. If you want each Commissioner to receive a personal copy of your comments, you must file an original plus nine copies. You should send comments and reply comments to Office of the Secretary, Federal Communications Commission, Washington, DC 20554. Comments and reply comments will be available for public inspection during regular business hours in the FCC Reference Center of the Federal Communications Commission (Room 239), 1919 M Street, NW, Washington, DC 20554.

Contact Person.

For further information concerning this proceeding, contact Maurice J. DePont, Private Radio Bureau, (202) 632-4964.

FEDERAL COMMUNICATIONS
COMMISSION

William F. Caton,
Acting Secretary

Treasurer's Report

The balance in the AARC regular checking account as of January 11, 1994 is \$4,006.08.

Gaming proceeds of \$6,375.00 were received from Boniface Bingo, Inc. in November. The proceeds have not yet been deposited at Smith Barney Shearson.

The current value of the gaming account is \$15,451.12, of which \$5,557.85 is invested in a long term bond and \$9,893.15 is in money market funds. The current value of the holding account is \$4,946.56, all of which is invested in money market funds.

Boniface Bingo, Inc.

Kent Hartzberg has reached agreement with the landlord to reduce the lease rate for the bingo hall to \$600.00 per day, a reduction of \$175.00 per day from the current rate. This change will help to insure profitability under the new gaming regulations. A board of directors meeting of Boniface Bingo, Inc. was

scheduled for January 17th.

Life Member Account.

One new Life Membership was deposited to the account in December. The current value of the Life Membership account is \$19,119.74.

IRS Inquiry.

A letter was sent to Smith Barney Shearson on December 28th to request a reconciliation of the AARC deposits for 1991. SBS is working with Nancy Adams at this time to correct the discrepancy. When this is done, the necessary IRS forms will be completed. The total tax liability for the club for 1991 and 1992 is still estimated at \$6,000.00.

Budget.

The proposed 1994 budget was presented to the Membership at the January meeting and will be voted on at the February meeting.

Respectfully submitted, John
Lawson, NL7NC, Treasurer.

January 12, 1994

From: Frederick L. Marvin
1030 Denali
Anchorage, Alaska 99501

To: Richard Mote, President
Anchorage ARC

Dear Richard,

I, Frederick Marvin, do hereby tender my resignation as a three-year board member of the Anchorage Amateur Radio Club, due to increase in my responsibilities at work, and as an instructor of amateur and

commercial radio license classes. I will remain a member of the VHF Technical Committee.

I would like to recommend Bob Baker, NL7UH, as my replacement for the remainder of my term, if that is acceptable to the board and to the general membership. Mr. Baker has agreed to be my replacement if the board so decides.

Respectfully submitted,

Frederick L. Marvin,
KL7YF

AARC GENERAL MEETINGS are held on the first Friday evening of each month in Room 102 of the Carr-Gottstein Building on the Alaska Pacific University Campus.

The campus is located at 4101 University Drive and Bragaw Streets. Parking is available only in the lot to the northeast of the building.

The meetings begin at 7:00 PM and visitors are always welcome! The AARC legendary raffle is open to everyone.

AARC BOARD MEETINGS are held on the second Wednesday evening of each month in Room 104 of the Carr-Gottstein Building on the APU campus. The meetings begin at 7:00 PM and are open to all club members and visitors.

ANCHORAGE ARES NET

The Anchorage area Amateur Radio Emergency Services net is held each Thursday evening at 8:00 PM on the KL7ION repeater on 147.3 (+.600). Net Control is Lil Marvin, NL7DL and alternate NCS station is KL7IO. The Westlink Amateur Radio report, Swap N Shop and the Parka Net follow the ARES net on the same frequency.

THE KL7AA REPEATERS

sponsored by the club are on 146.94 (at minus .600), 224.94 (-1.600) and 444.7 (+5.000). The two meter repeater located on top of Flattop Mt. requires a 100 hz tone for access.

The satellite receiver located on Government Hill does not require a tone. The 125 cm repeater, also on Flattop Mt. and the 70 cm repeater located at the South Central Radio site do not require tone for access. The repeater trustee is William Reiter, KL7ITI. Doug Dickinson, KL7IKX, is chairman of the VHF/UHF committee.

KL7AA-7 PACKET OPERATIONS

Ports are 145.01 mhz, 147.96 mhz and 445.05 mhz at 1,200 Baud; 7108.5 khz at 300 Baud and 445.11 mhz at 9600 Baud. Remember that 147.96 mhz is normally in use as the Iceworm link to other Alaskan communities and limit use of that port to evening hours.

A landline port is available at 300-9600 Baud, V32.bis compatible; registration is required. Contact Sysop Mel Sauners, AL7PB, at 349-4372 for info, or contact Sysops Doug KL7IKX, Paul WL7BF, Jim NL7C, Merle AL7LD or Bill AL7MM.

FREE LICENSE EXAMS are held on the first Wednesday evening of the month at 6:30PM in the Carr-Gottstein Bldg on the APU campus and on the third Wednesday evening of the month in Eagle River at 7PM in the basement of the VFW Hall.

VEC exams are also held on the second Saturday of each month at 2 PM at the Hope Cottage offices, 540 W. International Airport Blvd.

For more information contact VEC Director, Roger Hansen, KL7HFQ at 892-6365.

AARC MEMBERSHIP DUES are

\$20.00 regular, \$25.00 family and \$10.00 student. Dues are due one year from date of last payment. There is a 30 day grace period. Life memberships are available. Contact Lance Dunbar, AL7BK, (H) 337-6297 or (W) 561-5457.

Please remember that the club receives \$2.00 for each ARRL membership renewal and \$5.00 for each new ARRL membership if they are processed through the AARC.

AARC is affiliated with the ARRL.

ANCHORAGE AMATEUR RADIO CLUB, INC. PO BOX 101987 - ANCHORAGE, AK 99510-1987

NAME _____ CALL SIGN _____

ADDRESS _____ LICENSE CLASS _____

CITY _____ STATE _____ ZIP CODE _____ LICENSE EXPIRATION DATE _____

PHONE; HOME _____ BUSINESS _____ ARRL MEMBER? YES ___ NO ___ LIFE ___

YOUR STATION CAPABILITIES; HF _____ VHF _____ UHF _____ MOBILE HF _____ MOBILE VHF _____ MOBILE UHF _____

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February 4th Meeting Let's Go Transmitter Hunting!

Congratulations

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